

of the invention is only limited by the following claims.

WHAT IS CLAIMED IS:

5 1. A polyalkyl benzimide polymeric dispersant comprising the reaction product of a polyisobutylene amine with 1,2,4-benzenetricarboxylic anhydride.

 2. A method of preparing a polyalkyl benzimide polymeric dispersant comprising mixing a polyisobutylene amine with 1,2,4-benzenetricarboxylic anhydride
10 under vacuum at a temperature sufficient for catalyzing said reaction.

 3. The method of claim 2 wherein the temperature is at least 60°C.

 4. The method of claim 2 wherein the temperature is at least 100°C.

15 5. The method of claim 2 wherein the temperature is at least 120°C.

 6. A method for preparing a polyalkyl benzimide polymeric dispersant comprising:

- 20 (a) mixing a polyisobutylene amine with 1,2,4-benzenetricarboxylic anhydride at a temperature sufficient to dissolve the benzenetricarboxylic anhydride and form a reaction mixture; and
 (b) catalyzing the reaction by heating the mixture under vacuum at a sufficient temperature thereby producing the polyalkyl benzimide
25 polymeric dispersant.

 7. The method of claim 6, wherein the mixing temperature is at least about 60°C.

30 8. The method of claim 6, wherein the mixing temperature is at least about 100°C.

 9. The method of claim 6, wherein the mixing temperature is at least about 120°C.

35 10. The method of claim 6, wherein the catalyzing temperature is at least about

140°C.

11. A colorant dispersion comprising at least about 45 wt.% of a colorant and the polyalkyl benzimide dispersant of claim 1.

12. The colorant dispersion of claim 11 having a viscosity of less than about 150 Pa.s.

13. The colorant dispersion of claim 11 wherein said colorant is selected from the group consisting of organic pigments, inorganic pigments, dyes and carbon black.

14. The colorant dispersion of claim 13 wherein said colorant is a laked organic pigment.

15. The colorant dispersion of claim 14 wherein said laked organic pigment is selected from the group consisting of beta naphthol laked pigments, BONA laked pigments, naphthol as laked pigments, and naphthalene sulfonic acid laked pigments.

16. The colorant dispersion of claim 14 wherein said laked organic pigment is selected from the group consisting of Pigment Red 49, Pigment Red 49:1, Pigment Red 49:2, Pigment Red 50:1, Pigment Red 51, Pigment Red 53, Pigment Red 53:1, Pigment Red 53:3, Pigment Red 68, Pigment Orange 16, Pigment Orange 17:1, Pigment Orange 46, Red 48:1, Pigment Red 48:2, Pigment Red 48:3, Pigment Red 48:4, Pigment Red 48:5, Pigment Red 52:1, Pigment Red 52:2, Pigment Red 57:1, Pigment Red 58:2, Pigment Red 58:4, Pigment Red 63:1, Pigment Red 63:2, Pigment Red 64, Pigment Red 64:1, Pigment Red 200, Pigment Brown 5, Pigment Red 151, Pigment Red 237, Pigment Red 239, Pigment Red 240, Pigment Red 243, Pigment Red 247, Pigment Yellow 104, Pigment Orange 19, Pigment Red 60, Pigment Red 66, and Pigment Red 67.

17. The colorant dispersion of claim 11 wherein 65 wt.% of colorant is present.

18. The colorant dispersion of claim 11 wherein 1 wt.% to about 15 wt.% of said dispersant is present.

19. The colorant dispersion of claim 11 wherein 10 wt.% of said dispersant is

present.

20. A printing ink composition comprising the pigment dispersion of claim 11.

5 21. A printing ink composition of claim 20 wherein the printing ink is selected from the group consisting of lithographic and gravure printing ink.